

SUBSTITUTE SPECIFICATION FOR SN 09/828,911

Inventor: Karel van den Berg

Title: A FEED METERING DEVICE

RELATED APPLICATION:

This is a division of U.S. Application Serial No. 09/828,911, filed April 10, 2001, which issued as U.S. Patent No. 6,651,584 B2, on November 25, 2003.

FIELD OF THE INVENTION:

The present invention relates to a feed metering device for distributing fodder or drink, or both, in metered portions to an animal. Such a feed unit may include a manger or feeding trough, or both, or a unit provided with a nipple such as may be provided for calves.

BACKGROUND OF THE INVENTION:

Such a feed metering device is known from European Patent Application 0610171 A2, of Vogl, published August 10, 1994. By means of a control unit the closing means of this known feed metering device is actively retained in the position in which it closes the manger or feeding trough.

SUMMARY OF THE INVENTION:

It is one of the objectives of the present invention to provide an alternatively feed metering device for distributing fodder or drink, or both, in metered portions to an animal, which device, on the one hand, deters in a constructively simple efficient and inexpensive manner animals that are not eligible for being fed from putting their heads into the feed unit, and, on the other hand, offers additional advantages.